

Community College	Program Name	Occupation Description <sup>2</sup>	Job Outlook <sup>1</sup>		
			Current Number of People Employed in Profession	Average Number of Job Openings per Year	Median Hourly Wage 2005 <sup>3</sup>
Muskegon	Accelerated LPN to RN Completion	<u>Registered Nurses</u> (Nurse Midwife, Nurse Practitioner) Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention or provide case management. Licensing or registration required. Include advance practice nurses such as: nurse practitioners, clinical nurse specialists, certified nurse midwives, and certified registered nurse anesthetists. Advanced practice nursing is practiced by RNs who have specialized formal, post-basic education and who function in highly autonomous and specialized roles. Illustrative Example: Nursing Supervisor	84,361	3,013	\$26.68
	C/Java Programming	<u>Computer Support Specialists</u> (Help Desk Representative) Provide technical assistance to computer system users. Answer questions or resolve computer problems for clients in person, via telephone or from remote location. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems. Exclude "Network and Computer Systems Administrators" (15-1071). Illustrative Examples: Customer Support Analyst; Help Desk Technician; Work Station Support Specialist	14,208	264	\$19.15

<b>Child Development Associate</b>	<u>Kindergarten Teachers, Except Special Education</u> Teach elemental natural and social science, personal hygiene, music, art, and literature to children from 4 to 6 years old. Promote physical, mental, and social development. May be required to hold State certification. Exclude "Special Education Teachers" (25-2041 through 25-2043).	5,584	126	n/a
	<u>Preschool Teachers, Except Special Education</u> (Day Care Teacher, Nursery School Teacher) Instruct children (normally up to 5 years of age) in activities designed to promote social, physical, and intellectual growth needed for primary school in preschool, day care center, or other child development facility. May be required to hold State certification. Exclude "Child Care Workers" (39-9011) and "Special Education Teachers" (25-2041 through 25-2043). Illustrative Examples: Head Start Teacher; Childhood Development Teacher	9,294	171	\$12.09
<b>Computer Networking</b>	<u>Computer Support Specialists</u> (Help Desk Representative) Provide technical assistance to computer system users. Answer questions or resolve computer problems for clients in person, via telephone or from remote location. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems. Exclude "Network and Computer Systems Administrators" (15-1071). Illustrative Examples: Customer Support Analyst; Help Desk Technician; Work Station Support Specialist	14,208	264	\$19.15

<b>Computer-Aided Drafting and Design</b>	<u>Architectural and Civil Drafters</u> Prepare detailed drawings of architectural and structural features of buildings or drawings and topographical relief maps used in civil engineering projects, such as highways, bridges, and public works. Utilize knowledge of building materials, engineering practices, and mathematics to complete drawings. Illustrative Example: Structural Drafter	2,842	78	\$18.28
<b>Correction</b>	<u>First-Line Supervisors/Managers of Correctional Officers</u> Supervise and coordinate activities of correctional officers and jailers. Illustrative Examples: Prison Guard Supervisor; Prison Warden	2,072	56	\$24.62
<b>Customer Service</b>	<u>Managers, All Other</u> All managers not listed separately. Illustrative Examples: City Clerk; Publisher; Communications Manager	27,094	829	\$42.15
<b>Customer Service Specialist</b>	<u>Managers, All Other</u> All managers not listed separately. Illustrative Examples: City Clerk; Publisher; Communications Manager	27,094	829	\$42.15
<b>Digital Electronic Technology</b>	<u>Electrical and Electronic Engineering Technicians</u> Apply electrical and electronic theory and related knowledge, usually under the direction of engineering staff, to design, build, repair, calibrate, and modify electrical components, circuitry, controls, and machinery for subsequent evaluation and use by engineering staff in making engineering design decisions. Exclude "Broadcast Technicians" (27-4012). Illustrative Examples: Calibration Laboratory Technician; Semiconductor Development Technician; Instrumentation Technician	4,229	99	\$24.08

<b>Electronic Technology</b>	<u>Electrical and Electronic Engineering Technicians</u> Apply electrical and electronic theory and related knowledge, usually under the direction of engineering staff, to design, build, repair, calibrate, and modify electrical components, circuitry, controls, and machinery for subsequent evaluation and use by engineering staff in making engineering design decisions. Exclude "Broadcast Technicians" (27-4012). Illustrative Examples: Calibration Laboratory Technician; Semiconductor Development Technician; Instrumentation Technician	4,229	99	\$24.08
<b>Entrepreneurship Program</b>	<u>Managers, All Other</u> All managers not listed separately. Illustrative Examples: City Clerk; Publisher; Communications Manager	27,094	829	\$42.15
<b>Family Day Care</b>	<u>Kindergarten Teachers, Except Special Education</u> Teach elemental natural and social science, personal hygiene, music, art, and literature to children from 4 to 6 years old. Promote physical, mental, and social development. May be required to hold State certification. Exclude "Special Education Teachers" (25-2041 through 25-2043).	5,584	126	n/a
	<u>Preschool Teachers, Except Special Education</u> (Day Care Teacher, Nursery School Teacher) Instruct children (normally up to 5 years of age) in activities designed to promote social, physical, and intellectual growth needed for primary school in preschool, day care center, or other child development facility. May be required to hold State certification. Exclude "Child Care Workers" (39-9011) and "Special Education Teachers" (25-2041 through 25-2043). Illustrative Examples: Head Start Teacher; Childhood Development Teacher	9,294	171	\$12.09

<b>Graphics Design</b>	<u>Graphic Designers</u> (Graphic Artist) Design or create graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. May use a variety of mediums to achieve artistic or decorative effects. Illustrative Examples: Catalogue Illustrator; Layout Artist	6,662	126	\$20.22
	<u>Multi-Media Artists and Animators</u> Create special effects, animation, or other visual images using film, video, computers, or other electronic tools and media for use in products or creations, such as computer games, movies, music videos, and commercials. Illustrative Examples: Computer Artist; Computer Graphics Illustrator; Special Effects Specialist	1,303	45	\$17.77
<b>Industrial Electrical Maintenance</b>	<u>Industrial Engineering Technicians</u> Apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. May study and record time, motion, method, and speed involved in performance of production, maintenance, clerical, and other worker operations for such purposes as establishing standard production rates or improving efficiency. Illustrative Examples: Methods Study Analyst; Quality Control Technician; Time Study Analyst	5,860	113	\$21.70
<b>Industrial Technology</b>	<u>Industrial Engineering Technicians</u> Apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. May study and record time, motion, method, and speed involved in performance of production, maintenance, clerical, and other worker operations for such purposes as establishing standard production rates or improving efficiency. Illustrative Examples: Methods Study Analyst; Quality Control Technician; Time Study Analyst	5,860	113	\$21.70

<b>Infant - Toddler</b>	<u>Kindergarten Teachers, Except Special Education</u> Teach elemental natural and social science, personal hygiene, music, art, and literature to children from 4 to 6 years old. Promote physical, mental, and social development. May be required to hold State certification. Exclude "Special Education Teachers" (25-2041 through 25-2043).	5,584	126	n/a
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<b>Instructional Assistant-Special Education</b>	<u>Kindergarten Teachers, Except Special Education</u> Teach elemental natural and social science, personal hygiene, music, art, and literature to children from 4 to 6 years old. Promote physical, mental, and social development. May be required to hold State certification. Exclude "Special Education Teachers" (25-2041 through 25-2043).	5,584	126	n/a
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<b>Machining Technology</b>	<u>Industrial Engineering Technicians</u> Apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. May study and record time, motion, method, and speed involved in performance of production, maintenance, clerical, and other worker operations for such purposes as establishing standard production rates or improving efficiency. Illustrative Examples: Methods Study Analyst; Quality Control Technician; Time Study Analyst	5,860	113	\$21.70
<b>MI School Age</b>	<u>Kindergarten Teachers, Except Special Education</u> Teach elemental natural and social science, personal hygiene, music, art, and literature to children from 4 to 6 years old. Promote physical, mental, and social development. May be required to hold State certification. Exclude "Special Education Teachers" (25-2041 through 25-2043).	5,584	126	n/a
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<b>OSE - Medical Clerk</b>	<u>Data Entry Keyers</u> (Keypunch Operator) Operate data entry device, such as keyboard or photo composing perforator. Duties may include verifying data and preparing materials for printing. Exclude "Word Processors and Typists" (43-9022). Illustrative Example: Data Typist	6,377	153	\$12.26

<b>OSE - Office Support Specialist</b>	<u>Data Entry Keyers</u> (Key punch Operator) Operate data entry device, such as keyboard or photo composing perforator. Duties may include verifying data and preparing materials for printing. Exclude "Word Processors and Typists" (43-9022). Illustrative Example: Data Typist	6,377	153	\$12.26
<b>RPG Programming</b>	<u>Computer Support Specialists</u> (Help Desk Representative) Provide technical assistance to computer system users. Answer questions or resolve computer problems for clients in person, via telephone or from remote location. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems. Exclude "Network and Computer Systems Administrators" (15-1071). Illustrative Examples: Customer Support Analyst; Help Desk Technician; Work Station Support Specialist	14,208	264	\$19.15
<b>Welding Technology</b>	<u>Welders, Cutters, Solderers, and Brazers</u> Use hand-welding, flame-cutting, hand soldering, or brazing equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products. Illustrative Examples: Acetylene Burner; Arc Welder; Blow Torch Operator	14,746	406	\$17.16
	<u>Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders</u> (Laser Cutter Machine Operator) Set up, operate, or tend welding, soldering, or brazing machines or robots that weld, braze, solder, or heat treat metal products, components, or assemblies. Include workers who operate laser cutters or laser-beam machines. Illustrative Examples: Electron Beam Welder Setter; Laser-Beam Machine Operator; Ultrasonic Welding Machine Operator	5,630	155	\$23.27



1. The average wages and demand for the listed occupations are estimates and will vary by industry, geography, and a candidates skills and experience.
2. The occupations listed are not intended to be all inclusive but are meant to represent a sampling of the fields that the short term training programs would prepare an individual to enter. Individual employers may require, at their discretion, additional training, experience or skills as a requirement for employment.
3. Median hourly wage represents the rate of pay per hour at which half of those working in the profession made more than the amount noted and half made less in calendar year 2005. It is not the average pay per hour.

*For information on admittance or career counseling, please contact the community college's Admissions Office or Student Services Office.*